

TABLE 6.15 - SAMPLE SIZE

Total Household Income in March 1984 Dollars *	1992	1993	1994	1995	1996	1997	1998	1999
MASSACHUSETTS								
\$9,999 or less	455	448	477	487	250	245	251	227
\$10,000 - \$19,999	437	431	415	429	230	247	217	263
\$20,000 - \$29,999	374	387	393	328	189	188	194	173
\$30,000 - \$39,999	323	317	293	328	143	159	136	159
\$40,000 or more	636	646	662	703	339	346	389	381
All Households	2,225	2,229	2,240	2,275	1,151	1,185	1,187	1,203
MICHIGAN								
\$9,999 or less	523	514	504	480	327	304	312	291
\$10,000 - \$19,999	536	562	534	519	349	366	340	345
\$20,000 - \$29,999	465	449	446	467	287	284	308	278
\$30,000 - \$39,999	340	325	318	332	224	250	221	239
\$40,000 or more	581	565	542	597	468	477	481	512
All Households	2,445	2,415	2,344	2,395	1,655	1,681	1,662	1,665
MINNESOTA								
\$9,999 or less	137	149	134	135	123	117	112	110
\$10,000 - \$19,999	164	154	134	145	158	147	141	127
\$20,000 - \$29,999	138	134	138	122	126	126	136	112
\$30,000 - \$39,999	86	95	90	80	96	110	93	106
\$40,000 or more	120	149	156	151	182	176	209	226
All Households	645	681	652	633	685	676	691	681
MISSISSIPPI								
\$9,999 or less	285	294	251	207	184	181	167	166
\$10,000 - \$19,999	202	198	200	182	160	158	153	158
\$20,000 - \$29,999	129	131	115	106	106	118	114	97
\$30,000 - \$39,999	83	78	85	70	70	56	73	67
\$40,000 or more	71	95	96	90	75	99	84	101
All Households	770	796	747	655	595	612	591	589
MISSOURI								
\$9,999 or less	192	188	171	130	110	120	118	98
\$10,000 - \$19,999	142	171	154	147	149	162	145	142
\$20,000 - \$29,999	128	123	123	129	122	113	103	96
\$30,000 - \$39,999	81	98	96	79	90	92	95	99
\$40,000 or more	114	114	97	83	115	125	135	144
All Households	657	694	641	568	586	612	596	579
MONTANA								
\$9,999 or less	186	168	182	173	165	161	167	157
\$10,000 - \$19,999	216	232	225	220	210	210	206	204
\$20,000 - \$29,999	142	148	145	152	141	136	146	159
\$30,000 - \$39,999	82	99	84	84	72	72	84	74
\$40,000 or more	113	108	121	111	104	109	104	124
All Households	739	755	757	740	692	688	707	718
NEBRASKA								
\$9,999 or less	163	163	147	128	153	140	141	149
\$10,000 - \$19,999	204	205	191	193	157	170	169	163
\$20,000 - \$29,999	176	175	179	139	147	136	133	132
\$30,000 - \$39,999	126	128	106	96	78	95	80	95
\$40,000 or more	113	125	129	131	119	122	147	149
All Households	782	796	752	687	654	663	670	688

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.15 - SAMPLE SIZE

Total Household Income in March 1984 Dollars *		1984	1985	1986	1987	1988	1989	1990	1991
NEVADA									
\$9,999 or less		98	88	114	77	97	94	100	124
\$10,000 - \$19,999		143	147	135	138	153	144	159	161
\$20,000 - \$29,999		135	118	101	122	129	143	160	152
\$30,000 - \$39,999		114	104	87	82	94	87	105	107
\$40,000 or more		123	120	106	128	124	134	126	158
All Households		613	577	543	547	597	602	650	702
NEW HAMPSHIRE									
\$9,999 or less		104	86	61	65	63	83	77	58
\$10,000 - \$19,999		135	116	111	97	112	81	84	74
\$20,000 - \$29,999		120	111	107	102	100	99	94	83
\$30,000 - \$39,999		86	86	69	82	93	85	85	83
\$40,000 or more		94	107	103	134	149	147	166	136
All Households		539	506	451	480	517	495	506	434
NEW JERSEY									
\$9,999 or less		300	353	375	409	389	355	359	387
\$10,000 - \$19,999		311	363	432	398	398	396	429	406
\$20,000 - \$29,999		292	335	384	384	362	382	351	438
\$30,000 - \$39,999		206	302	377	349	366	346	372	335
\$40,000 or more		382	563	739	740	741	793	821	820
All Households		1,491	1,916	2,307	2,280	2,256	2,272	2,332	2,386
NEW MEXICO									
\$9,999 or less		250	232	202	208	206	242	231	203
\$10,000 - \$19,999		219	214	221	246	249	257	247	235
\$20,000 - \$29,999		163	162	148	154	155	165	175	155
\$30,000 - \$39,999		102	101	102	94	84	80	87	91
\$40,000 or more		129	150	132	112	111	108	137	124
All Households		863	859	805	814	805	852	877	808
NEW YORK									
\$9,999 or less		1,044	1,025	1,028	995	971	628	1,000	1,083
\$10,000 - \$19,999		800	914	950	870	885	553	877	879
\$20,000 - \$29,999		663	740	726	745	708	487	766	792
\$30,000 - \$39,999		493	498	542	569	541	376	584	605
\$40,000 or more		676	825	956	947	1,007	677	1,213	1,077
All Households		3,676	4,002	4,202	4,126	4,112	2,721	4,440	4,436
NORTH CAROLINA									
\$9,999 or less		255	434	551	576	575	542	572	563
\$10,000 - \$19,999		294	458	561	588	589	607	611	632
\$20,000 - \$29,999		237	346	474	478	441	471	484	464
\$30,000 - \$39,999		154	220	284	314	323	321	356	329
\$40,000 or more		132	266	368	359	402	422	445	401
All Households		1,072	1,724	2,238	2,315	2,330	2,363	2,468	2,389
NORTH DAKOTA									
\$9,999 or less		187	196	173	180	195	175	167	187
\$10,000 - \$19,999		185	206	196	206	213	220	219	217
\$20,000 - \$29,999		157	171	153	153	179	165	176	168
\$30,000 - \$39,999		102	100	113	127	117	115	110	104
\$40,000 or more		108	110	106	97	109	114	97	103
All Households		739	783	741	763	813	789	769	779

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.15 - SAMPLE SIZE

Total Household Income in March 1984 Dollars *	1992	1993	1994	1995	1996	1997	1998	1999
NEVADA								
\$9,999 or less	112	120	100	120	115	83	119	111
\$10,000 - \$19,999	185	152	136	137	142	156	146	168
\$20,000 - \$29,999	139	149	145	118	107	140	130	169
\$30,000 - \$39,999	93	101	89	98	94	77	102	97
\$40,000 or more	166	126	145	141	131	155	171	186
All Households	695	648	615	614	589	611	668	731
NEW HAMPSHIRE								
\$9,999 or less	79	74	66	77	80	77	71	77
\$10,000 - \$19,999	81	85	91	121	98	116	111	85
\$20,000 - \$29,999	88	108	98	82	108	86	88	108
\$30,000 - \$39,999	63	82	71	79	64	69	69	73
\$40,000 or more	132	129	109	111	128	115	148	157
All Households	443	478	435	470	478	463	487	500
NEW JERSEY								
\$9,999 or less	433	453	447	432	284	256	239	252
\$10,000 - \$19,999	452	465	442	426	250	292	258	279
\$20,000 - \$29,999	385	395	389	364	247	205	229	209
\$30,000 - \$39,999	317	307	318	345	226	231	183	207
\$40,000 or more	834	775	790	771	481	522	547	552
All Households	2,421	2,395	2,386	2,338	1,488	1,506	1,456	1,499
NEW MEXICO								
\$9,999 or less	225	216	192	233	287	295	229	241
\$10,000 - \$19,999	199	189	203	211	227	263	245	224
\$20,000 - \$29,999	153	126	112	149	152	144	166	152
\$30,000 - \$39,999	106	110	96	100	89	91	101	117
\$40,000 or more	122	117	122	117	112	124	142	178
All Households	805	758	725	810	867	917	883	912
NEW YORK								
\$9,999 or less	1,111	1,067	1,072	1,107	909	899	895	848
\$10,000 - \$19,999	878	941	907	878	751	715	673	650
\$20,000 - \$29,999	741	704	681	673	559	533	535	522
\$30,000 - \$39,999	560	546	517	447	407	438	384	406
\$40,000 or more	1,049	971	931	959	779	804	863	861
All Households	4,339	4,229	4,108	4,064	3,405	3,389	3,350	3,287
NORTH CAROLINA								
\$9,999 or less	583	567	530	512	278	261	229	281
\$10,000 - \$19,999	633	619	600	511	288	314	311	283
\$20,000 - \$29,999	444	437	429	390	221	249	237	232
\$30,000 - \$39,999	331	334	314	261	156	191	171	169
\$40,000 or more	398	443	405	390	249	290	290	304
All Households	2,389	2,400	2,278	2,064	1,192	1,305	1,238	1,269
NORTH DAKOTA								
\$9,999 or less	195	168	180	173	161	158	162	163
\$10,000 - \$19,999	221	227	237	197	172	162	161	181
\$20,000 - \$29,999	170	177	157	145	116	148	133	89
\$30,000 - \$39,999	97	78	100	94	94	84	85	91
\$40,000 or more	97	107	119	92	91	89	103	113
All Households	780	757	793	701	634	641	644	637

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.15 - SAMPLE SIZE

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991
OHIO								
\$9,999 or less	462	501	479	495	509	518	503	533
\$10,000 - \$19,999	531	546	540	555	577	544	608	644
\$20,000 - \$29,999	485	503	491	491	522	509	504	493
\$30,000 - \$39,999	308	357	376	355	360	384	366	365
\$40,000 or more	373	404	486	497	521	519	551	570
All Households	2,159	2,311	2,372	2,393	2,489	2,474	2,532	2,605
OKLAHOMA								
\$9,999 or less	228	189	196	170	189	184	178	177
\$10,000 - \$19,999	245	214	202	189	180	169	187	214
\$20,000 - \$29,999	159	151	167	128	131	130	115	137
\$30,000 - \$39,999	113	106	105	78	87	71	80	82
\$40,000 or more	144	155	127	124	119	128	131	111
All Households	889	815	797	689	706	682	691	721
OREGON								
\$9,999 or less	181	137	123	126	134	107	119	129
\$10,000 - \$19,999	197	196	150	133	124	143	157	161
\$20,000 - \$29,999	184	135	108	142	133	131	132	140
\$30,000 - \$39,999	111	95	76	85	87	98	94	84
\$40,000 or more	118	122	104	99	103	110	108	127
All Households	791	685	561	585	581	589	610	641
PENNSYLVANIA								
\$9,999 or less	575	602	533	494	539	493	513	549
\$10,000 - \$19,999	564	656	652	625	585	608	590	648
\$20,000 - \$29,999	488	475	500	497	509	493	488	522
\$30,000 - \$39,999	297	321	358	326	353	354	361	352
\$40,000 or more	369	410	470	469	493	508	554	513
All Households	2,293	2,464	2,513	2,411	2,479	2,456	2,506	2,584
RHODE ISLAND								
\$9,999 or less	147	141	115	101	97	107	104	88
\$10,000 - \$19,999	143	129	109	110	117	109	121	121
\$20,000 - \$29,999	124	127	109	105	100	90	109	105
\$30,000 - \$39,999	96	82	82	85	89	81	86	63
\$40,000 or more	95	98	99	117	119	145	125	123
All Households	605	577	514	518	522	532	545	500
SOUTH CAROLINA								
\$9,999 or less	178	151	183	186	163	192	228	171
\$10,000 - \$19,999	178	159	168	172	177	174	204	173
\$20,000 - \$29,999	132	121	115	144	140	160	141	164
\$30,000 - \$39,999	68	81	78	90	115	111	109	102
\$40,000 or more	66	104	135	138	144	147	142	148
All Households	622	616	679	730	739	784	824	758
SOUTH DAKOTA								
\$9,999 or less	253	232	225	232	222	196	218	189
\$10,000 - \$19,999	249	218	260	255	248	234	203	247
\$20,000 - \$29,999	185	190	169	182	184	158	185	167
\$30,000 - \$39,999	85	104	90	104	98	91	98	114
\$40,000 or more	99	96	96	91	118	129	109	95
All Households	871	840	840	864	870	808	813	812

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.15 - SAMPLE SIZE

Total Household Income in March 1984 Dollars *	1992	1993	1994	1995	1996	1997	1998	1999
OHIO								
\$9,999 or less	554	541	543	548	378	397	364	357
\$10,000 - \$19,999	636	639	641	578	438	439	449	429
\$20,000 - \$29,999	505	521	461	477	306	316	319	287
\$30,000 - \$39,999	371	400	353	317	268	247	264	263
\$40,000 or more	503	521	543	516	442	423	475	538
All Households	2,569	2,622	2,541	2,436	1,832	1,822	1,871	1,874
OKLAHOMA								
\$9,999 or less	212	219	223	217	213	219	186	176
\$10,000 - \$19,999	182	197	189	203	214	212	202	185
\$20,000 - \$29,999	131	125	156	134	127	136	165	145
\$30,000 - \$39,999	100	91	85	95	81	93	86	98
\$40,000 or more	116	121	108	119	118	125	129	156
All Households	741	753	761	768	753	785	768	760
OREGON								
\$9,999 or less	135	136	122	131	112	115	119	133
\$10,000 - \$19,999	169	152	152	167	150	163	148	131
\$20,000 - \$29,999	135	108	132	128	136	129	110	115
\$30,000 - \$39,999	95	102	74	93	94	78	83	89
\$40,000 or more	121	141	143	123	131	133	160	169
All Households	655	639	623	642	623	618	620	637
PENNSYLVANIA								
\$9,999 or less	560	590	563	547	456	445	418	407
\$10,000 - \$19,999	612	626	604	609	470	494	445	461
\$20,000 - \$29,999	500	482	479	491	413	387	383	373
\$30,000 - \$39,999	387	332	311	339	307	276	280	273
\$40,000 or more	509	520	519	522	473	491	524	572
All Households	2,568	2,550	2,476	2,508	2,119	2,093	2,050	2,086
RHODE ISLAND								
\$9,999 or less	116	121	119	118	143	141	137	119
\$10,000 - \$19,999	115	127	111	125	103	88	110	105
\$20,000 - \$29,999	106	109	99	101	106	114	76	72
\$30,000 - \$39,999	72	69	80	72	87	73	54	69
\$40,000 or more	106	100	116	113	103	111	143	165
All Households	515	526	525	529	542	527	520	530
SOUTH CAROLINA								
\$9,999 or less	183	179	201	147	133	105	122	123
\$10,000 - \$19,999	181	184	174	147	131	132	125	138
\$20,000 - \$29,999	129	136	121	99	82	107	108	91
\$30,000 - \$39,999	105	105	67	69	60	66	58	79
\$40,000 or more	142	126	137	118	99	112	127	112
All Households	740	730	700	580	505	522	540	543
SOUTH DAKOTA								
\$9,999 or less	199	229	223	189	175	179	147	132
\$10,000 - \$19,999	257	242	232	203	180	187	182	175
\$20,000 - \$29,999	171	196	182	161	149	150	126	130
\$30,000 - \$39,999	98	105	105	94	69	70	73	72
\$40,000 or more	94	107	115	121	113	98	111	129
All Households	819	879	857	768	686	684	639	638

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.15 - SAMPLE SIZE

Total Household Income in March 1984 Dollars *		1984	1985	1986	1987	1988	1989	1990	1991
TENNESSEE									
\$9,999 or less		256	249	194	212	198	199	213	190
\$10,000 - \$19,999		229	214	201	188	180	196	164	212
\$20,000 - \$29,999		154	141	123	134	143	133	132	129
\$30,000 - \$39,999		96	94	72	73	79	79	86	81
\$40,000 or more		107	111	78	87	110	115	105	104
All Households		842	809	668	694	710	722	700	716
TEXAS									
\$9,999 or less		698	703	687	714	735	782	801	721
\$10,000 - \$19,999		787	785	750	734	759	800	813	818
\$20,000 - \$29,999		602	637	552	550	509	612	562	601
\$30,000 - \$39,999		410	390	404	379	429	345	387	377
\$40,000 or more		605	606	615	597	586	567	567	547
All Households		3,102	3,121	3,008	2,974	3,018	3,106	3,130	3,064
UTAH									
\$9,999 or less		165	119	84	93	92	103	92	109
\$10,000 - \$19,999		221	165	154	150	170	171	157	169
\$20,000 - \$29,999		208	155	131	150	135	133	144	147
\$30,000 - \$39,999		109	97	78	93	94	102	108	94
\$40,000 or more		131	132	119	123	127	97	131	121
All Households		834	668	566	609	618	606	632	640
VERMONT									
\$9,999 or less		132	106	81	101	108	84	75	90
\$10,000 - \$19,999		175	140	111	131	134	120	115	127
\$20,000 - \$29,999		114	109	106	112	104	110	111	101
\$30,000 - \$39,999		89	85	79	82	82	72	81	67
\$40,000 or more		78	80	112	99	106	116	109	106
All Households		588	520	489	525	534	502	491	491
VIRGINIA									
\$9,999 or less		167	154	134	122	137	138	152	144
\$10,000 - \$19,999		237	214	163	167	173	164	169	180
\$20,000 - \$29,999		215	190	143	165	173	142	148	166
\$30,000 - \$39,999		163	137	132	123	98	112	111	139
\$40,000 or more		267	240	202	239	263	264	283	226
All Households		1,049	935	774	816	844	820	863	855
WASHINGTON									
\$9,999 or less		160	126	114	123	122	97	104	109
\$10,000 - \$19,999		229	182	156	138	154	154	176	185
\$20,000 - \$29,999		210	171	129	133	131	139	143	152
\$30,000 - \$39,999		136	117	95	100	107	120	131	125
\$40,000 or more		170	167	143	153	151	167	175	155
All Households		905	763	637	647	665	677	729	726
WEST VIRGINIA									
\$9,999 or less		216	203	235	243	238	227	207	207
\$10,000 - \$19,999		205	201	215	191	191	207	217	200
\$20,000 - \$29,999		126	132	111	129	131	131	134	134
\$30,000 - \$39,999		74	78	76	76	71	71	83	91
\$40,000 or more		68	75	69	67	73	84	89	76
All Households		689	689	706	706	704	720	730	708

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.15 - SAMPLE SIZE

Total Household Income in March 1984 Dollars *	1992	1993	1994	1995	1996	1997	1998	1999
TENNESSEE								
\$9,999 or less	213	216	216	173	153	172	142	140
\$10,000 - \$19,999	219	223	197	174	186	159	185	165
\$20,000 - \$29,999	145	140	141	142	118	120	122	130
\$30,000 - \$39,999	89	94	77	72	84	98	90	90
\$40,000 or more	114	103	95	105	96	106	106	131
All Households	780	776	726	666	637	655	645	656
TEXAS								
\$9,999 or less	755	770	744	709	667	627	657	602
\$10,000 - \$19,999	796	787	810	717	668	699	657	720
\$20,000 - \$29,999	571	521	502	490	491	481	487	502
\$30,000 - \$39,999	334	342	331	314	304	317	336	321
\$40,000 or more	517	538	554	565	531	559	576	632
All Households	2,973	2,958	2,941	2,795	2,661	2,683	2,713	2,777
UTAH								
\$9,999 or less	135	95	75	110	77	74	83	87
\$10,000 - \$19,999	169	132	145	141	167	177	133	126
\$20,000 - \$29,999	129	136	125	131	142	135	126	123
\$30,000 - \$39,999	80	94	100	89	107	102	118	93
\$40,000 or more	104	120	121	133	125	136	166	172
All Households	617	577	566	604	618	624	626	601
VERMONT								
\$9,999 or less	111	79	88	89	99	112	103	82
\$10,000 - \$19,999	120	110	112	119	131	134	129	122
\$20,000 - \$29,999	94	106	104	94	110	92	109	96
\$30,000 - \$39,999	67	70	56	74	71	88	65	72
\$40,000 or more	100	67	82	112	96	81	107	112
All Households	492	432	442	488	507	507	513	484
VIRGINIA								
\$9,999 or less	120	120	124	171	132	132	141	118
\$10,000 - \$19,999	175	157	172	252	169	169	144	165
\$20,000 - \$29,999	153	151	126	218	135	139	118	122
\$30,000 - \$39,999	111	126	108	183	86	96	100	93
\$40,000 or more	217	215	214	357	195	211	233	251
All Households	776	769	744	1,181	717	747	736	749
WASHINGTON								
\$9,999 or less	108	105	109	129	111	116	110	94
\$10,000 - \$19,999	155	145	135	174	152	169	119	122
\$20,000 - \$29,999	137	149	123	130	124	105	136	134
\$30,000 - \$39,999	102	82	96	75	87	86	101	115
\$40,000 or more	170	157	160	155	155	167	203	218
All Households	672	638	623	663	629	643	669	683
WEST VIRGINIA								
\$9,999 or less	217	245	219	223	214	224	206	206
\$10,000 - \$19,999	213	214	208	195	195	181	168	185
\$20,000 - \$29,999	130	110	132	125	127	119	134	120
\$30,000 - \$39,999	84	69	64	76	68	68	78	64
\$40,000 or more	81	68	74	79	98	96	96	107
All Households	725	706	697	698	702	688	682	682

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.15 - SAMPLE SIZE

Total Household Income in March 1984 Dollars *		1984	1985	1986	1987	1988	1989	1990	1991
WISCONSIN									
\$9,999 or less		175	221	172	161	157	135	154	163
\$10,000 - \$19,999		246	191	192	163	184	174	197	209
\$20,000 - \$29,999		191	154	171	179	142	164	180	172
\$30,000 - \$39,999		144	117	121	123	130	130	128	137
\$40,000 or more		149	126	128	157	167	169	169	169
All Households		905	809	784	783	780	772	828	850
WYOMING									
\$9,999 or less		106	101	119	99	94	103	87	111
\$10,000 - \$19,999		145	131	140	107	102	127	131	120
\$20,000 - \$29,999		140	133	82	83	92	96	110	113
\$30,000 - \$39,999		81	91	81	74	80	85	84	84
\$40,000 or more		97	113	106	88	114	97	106	94
All Households		569	569	528	451	482	508	518	522
UNITED STATES TOTAL									
\$9,999 or less		13,633	13,345	12,825	12,530	12,661	11,801	12,676	13,007
\$10,000 - \$19,999		14,753	14,478	13,991	13,578	13,729	13,014	13,841	14,240
\$20,000 - \$29,999		11,789	11,789	11,303	11,263	11,185	10,831	11,527	11,637
\$30,000 - \$39,999		7,968	8,053	8,176	8,157	8,326	7,637	8,337	8,182
\$40,000 or more		10,536	11,609	12,198	12,457	13,074	12,052	13,560	12,863
All Households		58,679	59,274	58,493	57,985	58,975	55,335	59,941	59,929

\* Current dollar equivalents are at the end of Table 6.9



TABLE 6.15 - SAMPLE SIZE

Total Household Income in March 1984 Dollars *	1992	1993	1994	1995	1996	1997	1998	1999
WISCONSIN								
\$9,999 or less	141	158	158	119	108	130	119	113
\$10,000 - \$19,999	216	196	196	170	145	150	149	154
\$20,000 - \$29,999	178	173	149	159	151	140	155	139
\$30,000 - \$39,999	136	137	134	105	133	113	99	114
\$40,000 or more	160	191	162	167	179	196	183	187
All Households	831	855	799	720	716	729	705	707
WYOMING								
\$9,999 or less	109	102	114	120	150	138	157	129
\$10,000 - \$19,999	138	137	118	150	167	180	150	164
\$20,000 - \$29,999	118	108	90	114	119	118	131	126
\$30,000 - \$39,999	89	75	76	105	90	90	93	93
\$40,000 or more	82	95	78	109	112	105	117	128
All Households	536	517	476	598	638	631	648	640
UNITED STATES TOTAL								
\$9,999 or less	13,224	13,325	13,015	12,867	11,130	11,103	10,608	10,304
\$10,000 - \$19,999	14,329	14,174	13,768	13,540	11,833	11,998	11,625	11,542
\$20,000 - \$29,999	11,289	11,169	10,631	10,513	9,271	9,061	9,176	9,016
\$30,000 - \$39,999	7,875	7,910	7,342	7,275	6,482	6,714	6,607	6,714
\$40,000 or more	12,502	12,392	12,323	12,746	10,966	11,435	12,337	13,209
All Households	59,219	58,970	57,079	56,941	49,682	50,311	50,353	50,785

\* Current dollar equivalents are at the end of Table 6.9



## 7. Rates and Price Indices

This section contains information on telephone price indices and rate levels.<sup>1</sup> It describes and presents a series of price indices maintained by the Bureau of Labor Statistics (BLS). It also discusses rate levels and changes in average rate levels.

### A. Telephone Service Price Indices

The BLS collects a variety of information on telephone service as part of three separate programs -- the Consumer Price Index (CPI), the Producer Price Index (PPI), and the Consumer Expenditure Survey. They can be found on the internet at <http://www.bls.gov/datahome.htm> on the World Wide Web. The monthly price indices represent prices sampled in the middle of the month.

A Consumer Price Index for telephone services was first published in 1935.<sup>2</sup> Since that time, telephone prices have tended to increase at a slower pace than most other prices. Table 7.1 shows long-run changes in the Consumer Price Indices for all items, all services, telephone services, each of the seven major categories that currently constitute the overall CPI, and several services that are often characterized as public utilities. The price of telephone service has increased less rapidly than the prices of most of these categories when viewed over a long period of time. Chart 7.1 shows the levels of the overall CPI and the CPI for telephone services over time.

The CPI index of telephone services is based on a "market basket" intended to represent the telephone-related expenditures of a typical urban household. It includes both local and long distance services. The annual rate of change during recent years is shown in Table 7.2 for the overall CPI (which measures the impact of inflation on consumers), and the CPI for telephone services. In addition, Table 7.2 shows the Gross Domestic Product chain-type price index (which reflects inflation throughout the economy) prepared by the Bureau of Economic Analysis. Chart 7.2 shows the changes in the overall CPI and the CPI for telephone services over time.

For 1999 the nation's overall level of prices (measured by the CPI for all items) rose by 2.7%. The CPI for telephone services rose by 0.4% during 1999. The CPI for telephone services is composed of three subindices. During 1999, the local service component (including subscriber line charges) rose by 2.8%, while the price index for interstate toll calls fell by 0.7%, and the price index for state toll calls fell by 1.6%. The changes in these subindices over time are shown in Chart 7.3.

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1 For more detailed information, see *Reference Book of Rates, Price Indices, and Household Expenditures for Telephone Service*, published by the FCC's Industry Analysis Division in June 1999.

2 BLS publishes two sets of Consumer Price Indices. The CPI-U, used herein, is based on expenditures of all urban consumers. The CPI-W series is based on expenditures of urban wage earners and clerical workers.

The Bureau of Labor Statistics publishes a number of price indices related to local telephone service, two of which are important to the monitoring program. The CPI index of local telephone charges is based on a broadly defined "market basket" of local services that includes monthly service charges, message unit charges, leased equipment, installation, service enhancements (such as tone dialing and call waiting), taxes, subscriber line charges, and all other consumer expenditures associated with local telephone services except long distance charges. In contrast, the PPI index of monthly residential rates is much more narrowly defined. It is based only on monthly service charges for residential service, optional tone dialing service, and subscriber line charges. It excludes taxes and all other telephone service charges. The annual rates of change for these two indices are presented in Table 7.3.

CPI data are available for intrastate toll and interstate toll services since December 1977. Table 7.3 also presents the annual changes in these series for recent years.

Price indices are less reliable when industries are changing rapidly. For example, in 1992, long distance carriers began to increase basic long distance rates while at the same time greatly expanding their range of discount offerings aimed at medium and heavy users of long distance service. The fixed market basket of toll calls measured for the CPI did not fully reflect these discounts. In 1998, the CPI for telephone services was altered to include cellular telephone services, making the new index not directly comparable to prior years. In 1995, BLS made major changes to the PPI telephone series, and there are no data after July 1995 comparable with prior data. At that time the BLS introduced revenue-weighted telephone price indices. The new indices categorize the telephone industry into much finer detail, though the new series are not comparable to the old in many categories. Because of these sorts of difficulties, measures of average revenues are sometimes used as alternatives to price indices.

Monthly data for the CPI telephone indices are shown in Table 7.4. Monthly data for the new CPI indices are shown in Table 7.5, and the current PPI indices are shown in Table 7.6.<sup>3</sup>

#### B. Information on Rate Levels

Local rates are regulated by state regulatory agencies and vary greatly from area to area. Characterization of any rate as "typical" is therefore difficult. Table 7.7 presents average local residential rates in urban areas. The price indices published by the BLS indicate percentage changes in the price of the telephone services. The BLS does not publish the actual level of rates. The averages shown in Table 7.7 are based on an FCC survey using the same sampling areas and weights used by the BLS in constructing the Consumer Price Index. In October 1999 the national average for the representative total residential service charge was \$19.87 monthly. The average charge for connecting new phone service was \$43.88.

Table 7.8 presents average monthly local rates for single-line business customers in urban areas. Like the residential rates presented above, they are based on a FCC survey using the same

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3 The discontinued Producer Price Indices through July 1995 can be found in Table 5.6 of the May 1997 Monitoring Report in CC Docket No. 87-339.

sampling areas and weights used by the BLS in constructing the Consumer Price Index. In October 1999, the representative average monthly charge was \$41.00, while the average charge for connecting phone service was \$72.48. Table 7.9 presents comparable data for businesses with a key system line, showing an average monthly charge of \$50.09 in October 1999, and an average connection charge of \$176.67. Table 7.10 presents comparable data for business with a PBX trunk, showing an average monthly charge of \$53.65 in October 1999 and an average connection charge of \$176.26.

Basic schedule rates of AT&T, MCI, and Sprint for representative directly dialed interstate long distance calls are shown on an annual basis for 1980 through 1999 in Table 7.11 for residential customers and Table 7.12 for business customers. Higher charges apply to other types of calls, such as those using operator assistance. Lower prices are available through calling plans and other volume discounts. In 1993, AT&T first began to charge different rates to residential and business customers. Since 1984, as a result of telephone rates becoming less distance sensitive, basic schedule charges for directly dialed interstate calls have fallen for calls over longer distances and risen for calls over shorter distances.

Table 7.13 contains average revenue per minute for interstate calls. From 1984 to 1994, AT&T's average revenue per minute declined from 32 cents per minute to 18 cents per minute — a drop of over 40%. Table 7.13 also shows revenue-per-minute estimates calculated by the FCC staff for all carriers. These estimates show that billed revenue per minute has continued to decline for both international and domestic services.

### C. Subscriber Line and Access Charges

Long distance companies rely on the loops, switches, and transport facilities of local telephone companies for access to their customers. As a result, local telephone companies recover a portion of their costs from long distance companies accessing their networks. Both the manner in which these access charges have been assessed and the proportion of the costs they have recovered have varied considerably over time.

In the early 1980s, AT&T provided about three-quarters of the nation's local telephone service and almost all interstate long distance service. Because revenue sharing was largely an internal process for AT&T, it was able to charge prices above cost for long distance calls and share the revenues with local telephone companies. These transfers, while reducing the pressures on the local companies to raise monthly local rates, contributed to inefficiently high long distance rates. The high rates were responsible for suppressing demand for long distance calls and inducing large corporations to bypass the public switched network. Moreover, while such revenue sharing arrangements were sustainable in an industry where one firm monopolized both long distance and local service, they were not compatible with a competitive long distance industry.

In mid-1984 the FCC, in cooperation with a Federal-State Joint Board comprised of both federal and state regulators, introduced sweeping changes to the way that local companies charged for their services. The historic method of sharing revenues was replaced with a new system of access charges that provided a uniform method for local telephone companies to charge for the origination and termination of interstate traffic on their local networks. In

particular, monthly subscriber line charges (SLCs) were introduced to recover a portion of the fixed costs of the local telephone companies' loops directly from end users on a per-line basis. Since local telephone companies were required to reduce their charges to long distance carriers -- dollar for dollar -- the introduction of SLCs permitted reductions in implicit subsidies from long distance service to local service. The rebalancing of prices between local service and interstate long distance calls during the 1980s had a fundamental impact on the telephone industry as the price of long distance service fell and the volume of long distance calling surged.

In mid-1997, as part of its implementation of the 1996 Telecommunications Act, the FCC introduced further interstate access charge reform. Presubscribed interexchange carrier charges (PICCs) were created in order to allow local carriers to recover the remaining portion of their fixed loop costs from long distance carriers on a per-line, instead of a per-minute, basis. Flat cost recovery on a per-line basis not only eliminates the remaining inefficiency in the pricing of long distance access, but allows local companies to recover costs in a competitively neutral manner, consistent with the goals of the 1996 Act. A further access charge reform was adopted on May 31, 2000, which eliminated the PICC and consolidated it with the SLC. This took effect on July 1, 2000.<sup>4</sup>

Average monthly SLCs and PICCs are shown in Table 7.14 and average per-minute rates charged to long distance carriers are shown in Table 7.15. Both tables report historical averages for all local exchange carriers (LECs) that file access tariffs subject to price-cap regulation and LECs in the National Exchange Carrier Association (NECA) pool. These LECs control over 98% of the industry's regulated access lines. Current per-line charges and per-minute charges are reported for each of the carriers in Tables 7.16 and 7.17, respectively.

The averages in Table 7.15 clearly illustrate the effectiveness of access reform in reducing the prices long distance carriers pay per minute for access to the local telephone companies' networks. The reductions in per-minute access prices over time have been a major contributing factor to reductions in long distance prices.

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4 Although the changes took effect on July 1, some companies made subsequent adjustments to their tariffs, which did not take effect until August 11.

**TABLE 7.1**  
**LONG-TERM CHANGES FOR VARIOUS PRICE INDICES**  
**(ANNUAL RATES OF CHANGE)**

	1936 - 1999	1989 - 1999
CPI all items	4.0 %	3.2 %
CPI all services	4.4	3.7
CPI telephone services***	2.0	0.9
CPI major categories:		
- food & beverages	*	3.1
- housing	*	3.0
- apparel	2.9	1.4
- transportation	3.7	2.8
- medical care	5.1	5.5
- recreation **	*	1.9
- other goods & services	*	5.9
CPI public transportation	4.9	4.3
CPI utility natural gas service	3.5	2.0
CPI electricity	2.1	1.2
CPI sewer & water maintenance	*	4.7
CPI postage	4.1	3.5

Source: Bureau of Labor Statistics.

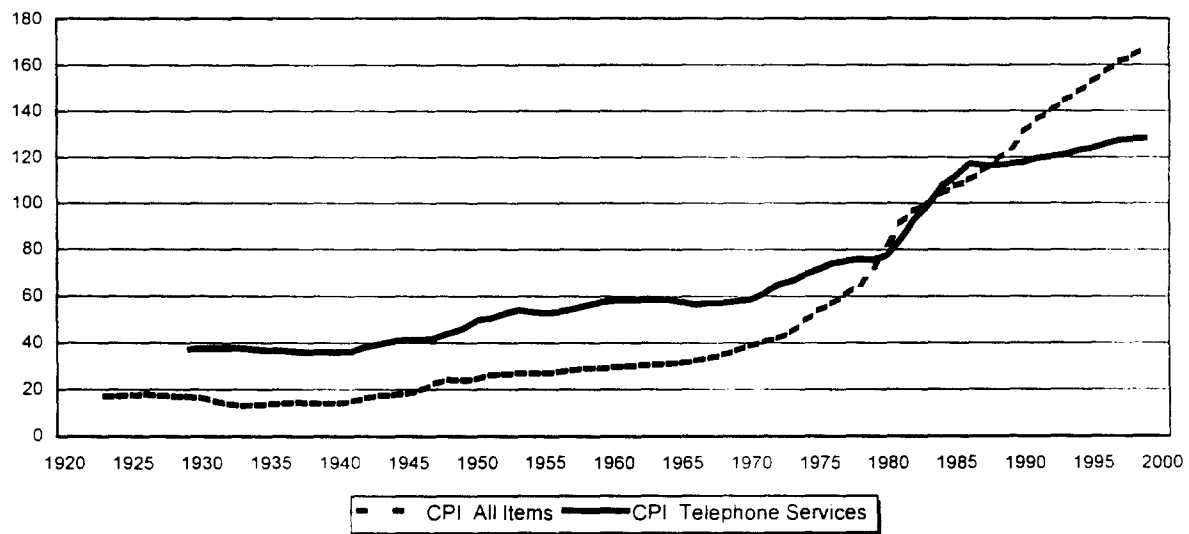
\* Series not established until after 1935.

\*\* Series not established until 1993. Figure reflects annual change between 1993 and 1999.

\*\*\* The CPI telephone service index was revised in December of 1997.

**CHART 7.1**

**CPI All Items and CPI Telephone Services**  
1982 - 1984 = 100



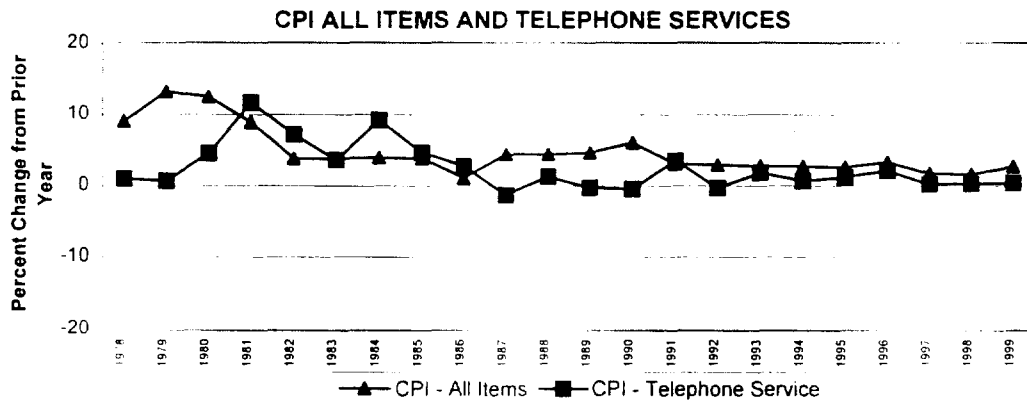
**TABLE 7.2**  
**ANNUAL CHANGES IN MAJOR PRICE INDICES**

	GDP Chain-type Price Index	CPI - All Items	CPI - Telephone Services
1978	7.4 %	9.0 %	0.9 %
1979	8.3	13.3	0.7
1980	9.6	12.5	4.6
1981	8.3	8.9	11.7
1982	5.1	3.8	7.2
1983	3.6	3.8	3.6
1984	3.5	3.9	9.2
1985	3.0	3.8	4.7
1986	2.2	1.1	2.7
1987	3.1	4.4	-1.3
1988	3.7	4.4	1.3
1989	3.6	4.6	-0.3
1990	4.1	6.1	-0.4
1991	2.8	3.1	3.5
1992	2.2	2.9	-0.3
1993	2.7	2.7	1.8
1994	2.0	2.7	0.7
1995	2.1	2.5	1.2
1996	1.7	3.3	2.1
1997	1.6	1.7	0.2
1998	1.3	1.6	0.3 *
1999	1.6	2.7	0.4

Sources: Bureau of Labor Statistics and Bureau of Economic Analysis.

\* The CPI telephone service index was revised in December of 1997.

**CHART 7.2**





**TABLE 7.3**  
**ANNUAL CHANGES IN PRICE INDICES FOR**  
**LOCAL AND LONG DISTANCE TELEPHONE SERVICES**

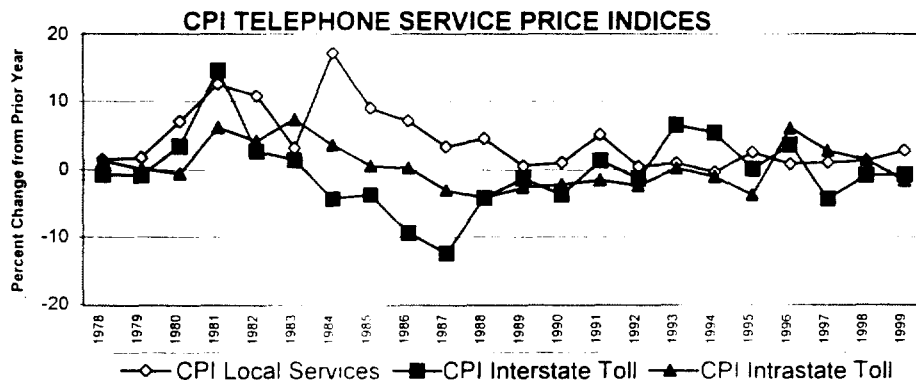
	Local Residential Service		Toll Service *			
	CPI	PPI	Interstate		Intrastate	
			CPI	PPI	CPI	PPI
1978	1.4 %	3.1 %	-0.7 %	0.0 %	1.3 %	0.1 %
1979	1.7	1.6	-0.8	-0.9	0.1	-0.7
1980	7.0	7.1	3.4	5.5	-0.6	2.3
1981	12.6	15.6	14.6	15.9	6.2	8.0
1982	10.8	9.0	2.7	3.9	4.2	1.7
1983	3.1	0.2	1.4	0.0	7.4	3.9
1984	17.2	10.4	-4.3	-5.1	3.6	3.8
1985	8.9	12.4	-3.7	-3.0	0.6	2.1
1986	7.1	8.9	-9.4	-10.0	0.3	-3.5
1987	3.3	2.6	-12.4	-11.8	-3.0	-3.0
1988	4.5	4.6	-4.2	-2.1	-4.2	-3.8
1989	0.6	1.9	-1.3	-1.7	-2.6	0.5
1990	1.0	1.5	-3.7	-0.1	-2.2	-2.2
1991	5.1	2.1	1.3	-1.3	-1.5	-2.6
1992	0.5	-0.2	-1.3	1.0	-2.4	1.3
1993	1.0	0.8	6.5	3.8	0.2	-1.1
1994	-0.3	0.7	5.4	6.1	-1.0	-1.4
1995	2.6	**	0.1	**	-3.8	**
1996	0.9	0.2	3.7	2.5	6.1	0.5
1997	1.0	0.2	-4.3	3.6	2.8	-4.0
1998	1.3	-0.1	-0.8	0.0	1.5	-3.3
1999	2.8	0.2	-0.7	1.2	-1.6	-2.0

Source: Bureau of Labor Statistics.

\* CPI toll indices represent rates for households. Through 1994, PPI toll indices represent rate changes for both business and residential consumers. Since 1995, PPI indices reflect rates for residential customers.

\*\* The PPI telephone indices were revised in June of 1995. The series are not comparable. Due to substantial month to month variation in the new PPI indices, PPI price levels are determined using a five-month weighted average.

**CHART 7.3**



**Table 7.4**  
**Consumer Price Indexes**  
(1982-1984=100)

	<b>All Goods &amp; Services</b>	<b>All Telephone Services</b>	<b>Local Services</b>	<b>Interstate Toll Service</b>	<b>Intrastate Toll Service</b>
<b>BLS Series ID</b>	<b>CUUR0000SA0</b>	<b>CUUR0000SE270A</b>	<b>CUUR0000SEED01</b>	<b>CUUR0000SS27051</b>	<b>CUUR0000SS27061</b>
1983 January	97.8	98.1	97.2	100.9	97.3
February	97.9	98.3	96.8	101.6	98.9
March	97.9	98.5	97.0	101.6	99.3
April	98.6	98.4	96.8	101.6	99.5
May	99.2	98.9	97.5	101.6	100.0
June	99.5	99.3	98.1	101.6	100.2
July	99.9	99.5	98.1	101.7	100.9
August	100.2	99.6	98.3	101.7	101.0
September	100.7	99.9	98.6	101.7	101.2
October	101.0	99.7	98.3	101.4	101.6
November	101.2	100.4	99.5	101.4	102.3
December	101.3	99.8	98.3	101.3	102.2
1984 January	101.9	105.0	106.7	101.3	104.2
February	102.4	107.0	110.0	102.1	104.2
March	102.6	106.4	109.1	102.1	104.1
April	103.1	106.7	109.1	102.0	105.6
May	103.4	106.9	109.5	102.3	105.1
June	103.7	107.1	110.7	98.9	106.5
July	104.1	107.7	112.3	96.9	107.5
August	104.5	107.9	112.9	96.8	106.6
September	105.0	108.7	114.3	96.8	106.5
October	105.3	108.8	114.5	97.0	106.5
November	105.3	109.4	115.4	96.9	107.1
December	105.3	109.0	115.2	96.9	105.9
1985 January	105.5	109.3	115.6	96.9	105.9
February	106.0	108.3	113.8	96.9	105.8
March	106.4	109.5	116.0	96.9	106.1
April	106.9	109.4	115.8	96.9	106.0
May	107.3	109.6	116.0	97.4	105.8
June	107.6	112.1	121.3	94.7	106.2
July	107.8	112.9	123.0	93.1	107.5
August	108.0	113.6	123.9	93.3	107.8
September	108.3	113.7	124.2	93.3	107.8
October	108.7	113.8	124.3	93.3	108.0
November	109.0	114.2	125.2	93.3	107.9
December	109.3	114.1	125.5	93.3	106.5
1986 January	109.6	114.6	126.2	93.3	106.7
February	109.3	114.8	126.4	93.3	107.0
March	108.8	115.3	127.2	93.3	107.1
April	108.6	116.5	129.5	93.3	106.8
May	108.9	116.5	129.5	93.3	106.9
June	109.5	118.7	135.6	88.0	106.7
July	109.5	118.7	137.0	84.7	106.7
August	109.7	118.8	137.2	84.4	107.0
September	110.2	118.3	136.5	84.4	106.5
October	110.3	118.9	137.5	84.4	106.8
November	110.4	117.6	135.1	84.4	106.5
December	110.5	117.2	134.4	84.5	106.8

**Table 7.4**  
**Consumer Price Indexes**  
(1982-1984=100)

	<b>All Goods &amp; Services</b>	<b>All Telephone Services</b>	<b>Local Services</b>	<b>Interstate Toll Service</b>	<b>Intrastate Toll Service</b>
<b>BLS Series ID</b>	<b>CUUR0000SA0</b>	<b>CUUR0000SE270A</b>	<b>CUUR0000SEED01</b>	<b>CUUR0000SS27051</b>	<b>CUUR0000SS27061</b>
1987 January	111.2	116.6	137.6	77.1	107.0
February	111.6	116.4	137.5	77.1	106.4
March	112.1	116.4	137.4	77.1	106.4
April	112.7	116.7	138.2	77.0	106.3
May	113.1	116.4	138.1	76.7	105.2
June	113.5	115.6	137.5	76.7	102.7
July	113.8	116.6	141.0	73.4	104.0
August	114.4	117.0	141.9	73.4	103.8
September	115.0	116.6	140.9	73.7	103.5
October	115.3	117.0	141.3	73.7	104.1
November	115.4	116.9	141.4	73.7	103.6
December	115.4	115.7	138.9	74.0	103.6
1988 January	115.7	115.8	139.9	72.2	104.1
February	116.0	116.6	141.6	72.2	103.6
March	116.5	116.2	141.1	72.0	103.2
April	117.1	116.6	142.0	72.1	102.9
May	117.5	116.6	142.0	72.1	102.8
June	118.0	115.8	140.8	72.1	102.3
July	118.5	115.8	141.4	72.1	100.3
August	119.0	114.8	139.4	72.1	100.3
September	119.8	115.6	140.6	73.1	100.0
October	120.2	115.8	141.1	73.1	99.4
November	120.3	115.7	140.9	73.1	99.4
December	120.5	117.2	145.2	70.9	99.2
1989 January	121.1	116.8	145.0	70.9	97.4
February	121.6	116.6	144.7	70.8	97.4
March	122.3	116.2	144.1	70.8	96.9
April	123.1	117.2	146.6	70.0	96.8
May	123.8	117.9	147.8	69.8	97.4
June	124.1	117.6	147.2	69.8	97.4
July	124.4	117.8	147.8	69.6	97.0
August	124.6	117.7	147.6	69.6	97.0
September	125.0	117.8	147.9	69.6	96.9
October	125.6	116.9	146.2	69.6	96.7
November	125.9	117.2	146.8	69.6	96.8
December	126.1	116.9	146.0	70.0	96.6
1990 January	127.4	117.6	148.4	69.1	95.2
February	128.0	117.9	149.0	69.0	95.1
March	128.4	118.2	149.7	69.0	95.0
April	128.9	118.4	150.0	69.0	95.1
May	129.2	118.0	149.2	69.0	95.2
June	129.9	118.0	149.2	69.0	95.3
July	130.4	115.5	145.4	67.4	95.4
August	130.6	117.7	149.7	67.4	95.3
September	132.7	117.9	150.1	67.4	95.2
October	133.5	118.6	151.4	67.4	94.8
November	133.8	118.6	151.4	67.4	94.7
December	133.8	116.4	147.5	67.4	94.5

**Table 7.4**  
**Consumer Price Indexes**  
(1982-1984=100)

	<b>All Goods &amp; Services</b>	<b>All Telephone Services</b>	<b>Local Services</b>	<b>Interstate Toll Service</b>	<b>Intrastate Toll Service</b>
<b>BLS Series ID</b>	<b>CUUR0000SA0</b>	<b>CUUR0000SE270A</b>	<b>CUUR0000SEED01</b>	<b>CUUR0000SS27051</b>	<b>CUUR0000SS27061</b>
1991 January	134.6	119.3	153.4	67.1	93.4
February	134.8	119.2	153.2	67.1	93.4
March	135.0	119.3	153.2	67.5	93.3
April	135.2	119.3	153.4	67.5	92.9
May	135.6	119.3	153.6	67.5	92.6
June	136.0	119.5	153.6	67.5	93.1
July	136.2	119.6	153.8	67.5	93.2
August	136.6	119.7	154.1	67.5	93.2
September	137.2	119.9	154.2	68.0	93.1
October	137.4	120.0	154.5	68.0	92.9
November	137.8	120.4	155.0	68.2	93.3
December	137.9	120.5	155.0	68.3	93.1
1992 January	138.1	120.8	155.8	68.6	92.5
February	138.6	120.8	155.8	68.6	92.2
March	139.3	120.9	156.2	68.6	91.8
April	139.5	120.8	156.2	68.6	91.4
May	139.7	120.8	156.2	68.6	91.4
June	140.2	119.9	154.7	68.2	91.2
July	140.5	120.3	155.7	67.5	91.4
August	140.9	120.1	155.4	67.6	91.2
September	141.3	120.0	155.3	67.4	91.1
October	141.8	120.0	155.4	67.4	91.0
November	142.0	120.0	155.4	67.4	90.9
December	141.9	120.1	155.7	67.4	90.9
1993 January	142.6	120.7	156.4	68.3	90.6
February	143.1	120.7	156.3	68.3	90.6
March	143.6	120.9	156.3	69.0	90.7
April	144.0	120.3	155.3	69.0	90.5
May	144.2	120.9	156.3	69.0	90.6
June	144.4	120.7	156.0	69.0	90.3
July	144.4	121.0	156.2	69.3	90.7
August	144.8	121.2	156.3	70.1	90.7
September	145.1	121.6	156.7	70.3	90.9
October	145.7	121.8	156.8	70.8	91.0
November	145.8	121.9	157.0	70.8	91.0
December	145.8	122.3	157.2	71.8	91.1
1994 January	146.2	122.0	156.8	71.8	90.5
February	146.7	123.3	156.9	75.6	90.5
March	147.2	123.2	156.9	75.6	90.2
April	147.4	123.0	156.8	75.3	90.0
May	147.5	123.1	157.0	75.2	90.0
June	148.0	123.3	157.2	75.3	90.3
July	148.4	123.2	157.1	75.3	90.3
August	149.0	123.3	157.1	75.6	90.3
September	149.4	123.3	156.9	75.7	90.3
October	149.5	123.2	156.9	75.7	90.2
November	149.7	123.1	156.6	75.7	90.1
December	149.7	123.1	156.7	75.7	90.2

**Table 7.4**  
**Consumer Price Indexes**  
(1982-1984=100)

	<b>All Goods &amp; Services</b>	<b>All Telephone Services</b>	<b>Local Services</b>	<b>Interstate Toll Service</b>	<b>Intrastate Toll Service</b>
<b>BLS Series ID</b>	<b>CUUR0000SA0</b>	<b>CUUR0000SE270A</b>	<b>CUUR0000SEED01</b>	<b>CUUR0000SS27051</b>	<b>CUUR0000SS27061</b>
1995 January	150.3	124.7	160.9	76.3	85.9
February	150.9	123.8	160.4	74.3	85.6
March	151.4	123.6	160.1	74.1	85.5
April	151.9	123.7	160.0	74.9	85.5
May	152.2	123.5	159.5	74.9	85.7
June	152.5	124.0	160.5	74.9	85.5
July	152.5	124.1	160.4	74.9	86.2
August	152.9	123.9	160.2	74.9	86.0
September	153.2	124.1	160.5	74.9	86.1
October	153.7	124.2	160.5	74.9	86.8
November	153.6	124.1	160.6	74.4	86.7
December	153.5	124.6	160.7	75.8	86.8
1996 January	154.4	124.7	160.6	75.8	87.2
February	154.9	124.7	160.7	75.8	87.2
March	155.7	125.4	160.6	78.0	87.5
April	156.3	123.5	156.8	78.0	88.0
May	156.6	125.4	160.3	78.0	88.6
June	156.7	126.0	161.0	78.4	88.9
July	157.0	126.2	161.3	78.4	89.1
August	157.3	126.5	161.3	78.4	90.9
September	157.8	126.7	161.4	78.6	91.0
October	158.3	126.9	161.9	78.6	91.0
November	158.6	127.0	161.9	78.6	91.3
December	158.6	127.2	162.1	78.6	92.1
1997 January	159.1	127.6	161.7	80.4	91.9
February	159.6	127.6	162.3	78.8	93.6
March	160.0	127.9	162.6	78.8	93.9
April	160.2	128.0	162.7	78.8	93.8
May	160.1	128.0	162.9	78.8	93.8
June	160.3	128.3	163.5	78.8	93.8
July	160.5	128.3	163.4	78.7	94.1
August	160.8	127.1	163.4	74.8	94.1
September	161.2	127.1	163.3	74.8	94.5
October	161.6	127.3	163.7	75.1	93.9
November	161.5	127.6	163.8	75.1	95.0
December	161.3	127.5	163.8	75.2	94.7
1998 January	161.6		163.8	75.2	94.3
February	161.9	<b>Discontinued</b>	164.4	75.3	93.7
March	162.2	Refer to Table 7.5	165.6	75.3	94.4
April	162.5	for revised index	165.6	75.3	95.6
May	162.8	of telephone	165.7	76.3	96.2
June	163.0	service.	166.1	76.1	97.1
July	163.2		166.2	76.7	95.9
August	163.4		166.0	74.5	96.2
September	163.6		166.1	75.2	96.0
October	164.0		166.3	75.2	96.2
November	164.0		166.4	75.8	96.7
December	163.9		166.0	74.6	96.1

**Table 7.4**  
**Consumer Price Indexes**  
(1982-1984=100)

	<b>All Goods &amp; Services</b>	<b>All Telephone Services</b>	<b>Local Services</b>	<b>Interstate Toll Service</b>	<b>Intrastate Toll Service</b>
<b>BLS Series ID</b>	<b>CUUR0000SA0</b>	<b>CUUR0000SE270A</b>	<b>CUUR0000SEED01</b>	<b>CUUR0000SS27051</b>	<b>CUUR0000SS27061</b>
1999 January	164.3		167.4	74.7	95.9
February	164.5		167.1	74.5	95.4
March	165.0		167.6	74.0	95.0
April	166.2		165.3	74.8	95.4
May	166.2		168.2	72.5	94.9
June	166.2		169.1	72.4	94.9
July	166.7		169.8	71.7	94.7
August	167.1		170.0	72.1	94.5
September	167.9		169.8	72.1	93.9
October	168.2		169.5	72.9	93.6
November	168.3		170.2	74.5	93.9
December	168.3		170.7	74.1	94.6
2000 January	168.7		171.6	73.9	94.8
February	169.7		171.9	70.7	93.9
March	171.1		172.2	70.0	93.3
April	171.2		172.3	69.5	92.6
May	171.3		172.4	69.2	92.4
June	172.3		173.3	66.9	90.0
July	172.6		175.8	67.5	90.6

**Table 7.5**  
**New Consumer Price Indexes (December 1997 = 100)**

		Telephone Services	Local Telephone	Long Distance	Interstate Toll Service	Intrastate Toll Service	Cellular Telephone
BLS Series ID		CUUR0000SEED	CUUR0000SEED01	CUUR0000SEED02	CUUR0000SS27051	CUUR0000SS27061	CUUR0000SEED03
1997	December	100.0	100.0	100.0	100.0	100.0	100.0
1998	January	99.9	100.0	99.8	100.0	99.6	99.0
	February	100.0	100.4	99.7	100.1	98.9	98.1
	March	100.4	101.1	99.9	100.1	99.7	97.4
	April	100.5	101.1	100.1	100.1	101.0	96.4
	May	101.1	101.2	101.3	101.5	101.6	96.2
	June	101.4	101.4	101.7	101.2	102.5	94.4
	July	101.5	101.5	101.9	102.0	101.3	94.2
	August	100.4	101.3	99.9	99.1	101.6	93.9
	September	100.7	101.4	100.4	100.0	101.4	94.1
	October	100.7	101.5	100.4	100.0	101.6	93.7
	November	101.1	101.6	101.0	100.8	102.1	92.4
	December	100.3	101.3	99.9	99.2	101.5	91.7
1999	January	100.7	102.2	99.9	99.3	101.3	90.9
	February	100.4	102.0	99.5	99.1	100.7	89.7
	March	100.2	102.3	98.9	98.4	100.3	89.0
	April	100.0	100.9	99.8	99.5	100.7	87.8
	May	99.6	102.7	97.5	96.4	100.2	85.8
	June	99.7	103.2	97.4	96.3	100.2	84.0
	July	99.5	103.7	96.7	95.3	100.0	82.9
	August	99.8	103.8	97.1	95.9	99.8	82.3
	September	99.6	103.7	96.8	95.9	99.2	82.6
	October	99.8	103.5	97.4	96.9	98.8	82.0
	November	100.6	103.9	98.7	99.1	99.2	81.2
	December	100.7	104.2	98.6	98.5	99.9	81.1
2000	January	100.9	104.8	98.5	98.3	100.1	80.6
	February	99.4	104.9	95.5	94.0	99.2	79.7
	March	98.9	105.1	94.4	93.1	98.5	79.2
	April	98.6	105.2	93.7	92.4	97.8	78.9
	May	98.5	105.3	93.4	92.0	97.6	78.2
	June	97.2	105.8	90.6	89.0	95.0	76.8
	July	98.2	107.3	91.3	89.8	95.7	74.9

Table 7.6  
 Producer Price Indexes  
 (June 1995 = 100)

	Final Demand	Telephone Communications except Radiotelephone	Local Service except Private Lines	Residence Local Service	Business Local Service	Coin Local Service	Other Local Service
BLS Series ID	pcubfd1#	pcu4813#	pcu4813#1	pcu4813#111	pcu4813#112	pcu4813#113	pcu4813#114
1995 June	100.0	100.0	100.0	100.0	100.0	100.0	100.0
July	100.0	102.8	100.0	100.0	100.0	100.0	100.0
August	99.9	100.7	100.0	100.0	100.0	100.0	100.0
September	99.8	100.6	100.1	100.0	100.2	100.6	100.0
October	100.4	100.4	100.0	99.8	100.2	100.6	100.0
November	100.4	99.6	100.0	99.8	100.2	100.6	100.0
December	100.8	99.6	100.0	99.8	100.2	100.6	100.0
1996 January	101.1	99.3	100.0	99.8	100.1	100.6	100.0
February	101.1	99.6	100.0	99.8	100.2	100.6	100.0
March	101.6	99.5	100.1	99.8	100.2	101.9	100.0
April	102.0	99.7	100.1	99.8	100.2	101.9	100.0
May	102.6	99.5	100.1	99.8	100.2	101.9	100.0
June	102.9	99.9	100.2	100.0	100.2	101.9	100.0
July	102.8	100.3	100.3	100.0	100.4	102.0	100.0
August	103.0	100.6	100.4	100.0	100.5	102.0	100.0
September	102.9	100.5	100.4	100.0	100.5	102.0	100.0
October	103.7	100.4	100.4	100.0	100.5	102.0	100.0
November	103.4	100.1	100.4	100.0	100.5	102.0	100.0
December	103.4	99.5	100.4	100.0	100.5	102.0	100.0
1997 January	103.5	100.5	100.4	100.0	100.5	102.0	100.0
February	103.3	99.8	100.4	100.0	100.5	102.0	100.0
March	103.1	99.0	100.3	100.0	100.5	102.0	100.0
April	102.6	99.2	100.4	100.0	100.6	102.0	100.0
May	102.8	99.9	100.5	100.2	100.7	102.1	100.0
June	102.7	100.4	100.5	100.2	100.7	102.1	100.0
July	102.5	100.1	100.4	100.1	100.5	102.1	100.0
August	102.8	100.4	100.4	100.1	100.5	102.1	100.0
September	102.9	99.3	100.4	100.1	100.5	102.1	100.0
October	103.3	99.0	100.4	100.2	100.5	102.1	100.0
November	102.9	99.0	100.5	100.2	100.5	102.1	102.3
December	102.5	99.1	100.4	100.2	100.5	101.4	102.3
1998 January	101.8	99.2	100.5	100.2	100.6	101.7	102.3
February	101.7	99.0	100.5	100.2	100.6	101.7	102.3
March	101.6	98.7	100.5	100.2	100.6	101.7	102.3
April	101.9	98.6	100.5	100.2	100.6	101.7	102.3
May	102.0	98.7	100.4	100.0	100.5	101.7	102.3
June	102.0	98.2	100.3	100.0	100.4	101.7	102.3
July	102.3	99.0	100.3	100.1	100.3	101.7	102.3
August	102.0	98.7	100.3	100.1	100.3	101.7	102.3
September	102.0	98.5	100.3	100.1	100.4	101.7	102.3
October	102.7	97.9	100.3	100.1	100.3	101.7	102.3
November	102.1	97.3	100.3	100.1	100.3	101.7	102.3
December	102.2	97.4	100.3	100.1	100.4	101.7	102.3
1999 January	102.5	96.9	100.4	100.2	100.4	101.7	102.3
February	102.1	96.2	100.4	100.2	100.5	101.7	102.3
March	102.3	96.6	100.4	100.2	100.5	101.7	102.3
April	103.0	97.3	100.5	100.2	100.5	101.7	102.3
May	103.4	97.0	100.5	100.2	100.5	101.7	102.3
June	103.7	97.1	100.5	100.2	100.5	101.7	102.3
July	104.0	95.5	100.5	100.2	100.5	101.8	102.5
August	104.5	95.8	100.5	100.2	100.5	101.8	102.5
September	105.3	95.7	100.5	100.4	100.5	101.8	102.5
October	105.7	95.2	100.5	100.4	100.5	101.8	102.5
November	105.6	94.3	100.5	100.4	100.5	101.8	102.5
December	105.7	94.5	100.5	100.3	100.5	101.8	102.5
2000 January	105.5	94.8	100.6	100.3	100.6	101.8	102.5
February	106.6	94.1	100.6	100.3	100.6	101.8	102.5
March	107.0	94.8	100.7	100.3	100.9	101.8	102.5
April *	107.0	94.0	100.6	100.3	100.6	101.8	102.5
May *	107.6	93.7	100.6	100.3	100.6	101.8	102.5
June *	108.3	94.2	100.6	100.3	100.6	101.8	102.5
July *	108.3	94.3	100.8	100.5	101.0	101.8	102.5

\* subject to revision



**Table 7.6**  
**Producer Price Indexes**  
(June 1995 = 100)

	Directory Assistance	Other Local Service, except Directory Assistance	Public Switched Toll Service	Residence Switched Toll Service	Intrastate Residence Switched Toll Service	Interstate Residence Switched Toll Service	International Residence Switched Toll Service
<b>BLS Series ID</b>	<b>pcu4813#11401</b>	<b>pcu4813#11409</b>	<b>pcu4813#2</b>	<b>pcu4813#21</b>	<b>pcu4813#211</b>	<b>pcu4813#212</b>	<b>pcu4813#213</b>
1995 June	100.0	100.0	100.0	100.0	100.0	100.0	100.0
July	100.0	100.0	105.2	102.6	101.2	105.2	99.4
August	100.0	100.0	101.3	101.3	101.1	103.7	95.7
September	100.0	100.0	101.0	101.0	103.2	100.1	97.2
October	100.0	100.0	100.8	102.0	105.8	100.9	96.4
November	100.0	100.0	99.3	99.7	102.9	98.1	94.3
December	100.0	100.0	99.1	100.1	104.2	96.3	97.1
1996 January	100.0	100.0	98.8	99.6	101.6	99.3	95.0
February	100.0	100.0	99.3	100.3	104.7	98.2	95.0
March	100.0	100.0	99.0	101.3	106.3	98.8	92.9
April	100.0	100.0	99.3	100.6	104.2	98.6	93.3
May	100.0	100.0	98.8	100.8	106.0	97.9	93.8
June	100.0	100.0	99.5	101.2	106.0	98.2	94.2
July	100.0	100.0	100.2	102.8	106.4	102.3	92.8
August	100.0	100.0	100.9	103.3	110.4	99.2	90.5
September	100.0	100.0	100.6	102.1	107.8	98.1	89.3
October	100.0	100.0	100.4	101.2	104.0	101.3	85.9
November	100.0	100.0	99.9	100.1	105.7	99.1	79.8
December	100.0	100.0	98.8	99.2	105.1	97.0	77.8
1997 January	100.0	100.0	100.6	102.7	103.5	105.4	82.0
February	100.0	100.0	99.3	101.7	103.1	104.1	79.6
March	100.0	100.0	97.7	99.5	102.2	99.0	80.2
April	100.0	100.0	98.2	100.2	101.0	102.2	80.1
May	100.0	100.0	99.3	101.4	101.8	105.0	80.1
June	100.0	100.0	100.3	101.8	101.4	104.9	84.4
July	100.0	100.0	99.7	102.2	99.9	107.0	85.1
August	100.0	100.0	100.4	103.4	100.9	107.1	85.6
September	100.0	100.0	98.4	100.9	100.5	104.2	85.6
October	100.0	100.0	97.8	99.4	100.7	102.0	84.7
November	103.6	100.0	97.6	98.2	103.9	97.3	80.7
December	103.6	100.0	97.9	99.7	100.6	104.6	83.4
1998 January	103.6	100.0	98.0	100.5	99.0	107.2	82.7
February	103.6	100.0	97.7	100.2	96.7	110.0	76.8
March	103.6	100.0	97.2	100.8	94.0	115.1	78.1
April	103.6	100.0	97.0	99.1	97.8	107.3	78.0
May	103.6	100.0	97.2	99.9	99.2	107.3	79.6
June	103.6	100.0	96.4	98.9	99.3	105.3	77.6
July	103.6	100.0	97.9	100.9	99.0	108.7	76.3
August	103.6	100.0	97.2	99.6	97.8	109.1	76.7
September	103.6	100.0	96.8	98.7	97.2	108.3	74.2
October	103.6	100.0	95.7	98.9	97.5	107.8	76.4
November	103.6	100.0	94.6	96.3	96.9	102.4	73.2
December	103.6	100.0	94.8	96.2	96.9	104.2	68.3
1999 January	103.6	100.0	93.9	97.3	97.2	105.0	72.7
February	103.6	100.0	92.5	95.4	96.4	102.0	69.6
March	103.6	100.0	93.3	96.9	97.0	106.0	68.0
April	103.6	100.0	94.5	97.6	96.6	108.0	69.1
May	103.6	100.0	93.9	97.3	96.8	106.8	69.5
June	103.6	100.0	94.2	97.4	96.7	107.2	69.3
July	104.0	100.0	91.1	98.4	97.2	108.7	71.6
August	104.0	100.0	91.7	99.4	97.5	110.1	73.9
September	104.0	100.0	91.4	99.0	96.6	110.1	73.1
October	104.0	100.0	90.5	97.6	96.9	107.5	69.7
November	104.0	100.0	88.8	95.4	95.2	104.0	67.0
December	104.0	100.0	89.3	95.8	94.3	106.6	65.8
2000 January	104.0	100.0	89.7	96.5	94.8	107.4	67.5
February	104.0	100.0	88.4	94.1	96.2	100.1	65.9
March	104.0	100.0	89.7	96.2	95.0	105.9	68.2
April *	104.0	100.0	88.3	94.8	93.7	104.3	66.2
May *	104.0	100.0	87.7	93.3	93.5	100.4	66.1
June *	104.0	100.0	88.6	95.9	95.5	105.2	66.9
July *	104.0	100.0	88.7	95.9	95.1	105.2	67.8

\* subject to revision

**Table 7 6**  
**Producer Price Indexes**  
(June 1995 = 100)

	Business Switched Toll Service	Business Switched Access Toll Service	Outbound Business Switched Access Toll Service	Intrastate Business Switched Access Toll Service Outbound	Interstate Business Switched Access Toll Service Outbound	International Business Switched Access Toll Service Outbound	Inbound Business Switched Access Toll Service
<b>BLS Series ID</b>	<b>pcu4813#22</b>	<b>pcu4813#221</b>	<b>pcu4813#2211</b>	<b>pcu4813#22111</b>	<b>pcu4813#22112</b>	<b>pcu4813#22113</b>	<b>pcu4813#2212</b>
1995 June	100.0	100.0	100.0	100.0	100.0	100.0	100.0
July	108.2	104.0	103.8	100.6	102.7	116.4	104.4
August	101.4	101.4	101.3	100.7	102.7	99.2	101.6
September	101.0	102.1	103.1	101.0	103.3	109.4	100.3
October	99.5	100.3	99.4	100.8	98.9	97.0	101.9
November	98.8	99.2	99.4	100.8	98.5	97.9	98.9
December	98.0	98.4	99.2	100.3	98.5	98.9	97.1
1996 January	97.8	98.7	99.1	100.9	95.9	102.7	98.0
February	98.0	99.0	98.3	101.5	96.5	94.0	100.1
March	96.3	96.5	96.2	100.7	93.7	88.7	97.0
April	97.8	98.4	98.0	101.2	94.8	96.3	99.0
May	96.5	96.7	97.8	101.6	95.1	93.9	94.7
June	97.5	97.2	97.5	101.1	96.5	87.6	96.5
July	97.1	97.4	97.2	101.6	95.3	88.8	97.7
August	98.0	99.4	99.7	102.0	101.6	88.5	98.9
September	98.9	100.3	101.7	102.2	108.2	84.0	97.7
October	99.4	102.5	105.0	103.1	114.5	87.4	98.1
November	99.7	101.3	101.4	101.7	106.0	89.1	101.0
December	98.2	99.2	97.8	101.8	98.2	82.2	101.5
1997 January	98.0	100.1	97.6	102.6	96.1	86.6	104.4
February	96.4	98.8	97.5	102.4	98.8	81.1	101.0
March	95.7	98.3	97.9	101.0	98.2	89.1	98.9
April	95.8	98.7	98.7	100.8	100.5	88.7	98.8
May	96.9	100.7	100.7	101.3	106.5	85.8	100.8
June	98.5	103.2	103.7	100.4	113.6	90.7	102.4
July	96.7	103.0	105.9	100.4	121.0	86.0	98.1
August	96.9	104.2	107.0	100.8	124.0	85.2	99.4
September	95.5	103.2	107.9	101.9	125.9	83.1	95.2
October	95.8	103.3	107.6	102.1	124.0	86.7	95.9
November	96.9	104.6	108.3	101.7	125.9	88.3	98.2
December	95.8	104.4	108.8	103.0	126.3	87.2	96.6
1998 January	95.0	102.9	108.7	102.6	126.3	85.3	92.8
February	94.6	103.0	111.1	102.5	132.1	87.5	88.9
March	93.0	100.5	108.9	102.3	128.2	83.6	85.9
April	94.4	103.0	112.6	102.5	137.3	85.8	86.4
May	94.0	102.7	111.5	101.6	135.6	86.5	87.3
June	93.5	102.2	111.2	102.8	132.8	87.0	86.5
July	94.3	103.4	112.0	103.7	134.6	85.3	88.4
August	94.3	102.3	112.9	104.2	135.4	87.9	84.1
September	94.6	105.8	115.6	105.6	142.1	85.2	88.7
October	92.0	102.6	111.2	106.9	130.0	82.3	87.6
November	92.5	102.3	111.4	106.4	129.1	87.1	86.6
December	93.1	103.4	112.5	106.3	132.1	87.8	87.5
1999 January	89.9	100.0	108.1	104.7	122.2	88.1	86.0
February	89.1	99.7	106.4	104.5	118.4	86.2	88.0
March	89.0	100.0	107.5	104.9	120.3	88.0	87.0
April	90.8	101.2	107.9	104.3	122.2	88.1	89.4
May	89.9	100.5	107.9	104.1	120.6	92.3	87.8
June	90.5	101.9	110.5	104.7	123.8	100.2	86.9
July	82.4	93.8	100.0	102.5	104.6	84.2	83.0
August	82.5	95.8	103.2	102.9	112.9	83.5	83.0
September	82.4	94.8	101.8	102.5	110.4	82.1	82.5
October	82.1	94.1	100.0	102.3	109.6	72.6	83.7
November	80.9	92.4	98.8	101.9	108.1	69.3	81.3
December	81.5	93.4	99.3	101.9	107.0	75.4	83.1
2000 January	81.6	95.4	102.1	102.4	109.9	85.2	83.8
February	81.6	92.9	98.5	101.5	104.8	76.9	83.2
March	82.1	95.3	101.4	103.0	113.6	69.3	84.6
April *	80.5	93.4	100.1	102.4	110.2	71.0	81.8
May *	81.0	93.8	100.9	102.6	111.0	73.9	81.5
June *	79.9	93.2	100.9	102.8	111.6	71.8	79.9
July *	80.1	93.5	101.4	103.0	112.3	72.8	79.8

\* subject to revision